

Atty. Dkt. No. 060507-1054

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William K. Dail
Title: MODULAR REFRIGERATION
SYSTEM
Appl. No.: 10/689,785
Filing Date: 10/21/2003
Examiner: To be Determined
Art Unit: To be Determined

<p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on the date below.</p> <p>Jacqui Banks (Printed Name) <i>Jacqui Banks</i> (Signature) February 23, 2004 (Date of Deposit)</p>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

The Applicant has submitted on Form PTO/SB/08 a listing of documents known to the Applicant in order to comply with Applicant's duty of disclosure. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR § 1.97-98.

The USPTO has waived the requirement under 37 CFR § 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC § 371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003.



TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR § 1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The abstract of Japanese Patent Document JP 2000-274935 discloses a cooling chamber arranged with a cooler and a fan on the underside of a shelf to chill air that is blown rearward by means of a fan 17 and guided upward by means of an equalizer plate 24. After circulating through a mounting space 19 above a shelf 18 while advancing forward and upward as shown by an arrow, the chilled air is guided downward by an equalizer plate 26 at the front end of a top heat insulating panel 12 and returned into a cooling chamber 13 from a chill inlet 21. When an article to be refrigerated or frozen is placed into the mounting space 19 above the shelf 18 in a low temperature shelf unit 6, the article is cooled even during delivery from a supplementary vestibule to a working room.

The abstract of European Patent Document EP 0 916 291 B1 discloses: A separate compressor system (24) cools the evaporator (16) of the display cabinet (1) and chilled air is circulated by a fan (20). Hot defrosting gas may be circulated through the evaporator through a pipe (42) controlled by a control unit (23) during which time the sterilizing lamp (22) is switched on.

The abstract of European Patent Document EP 0 701 097 B1 discloses: Under the display surface on which the goods are exposed, an evaporator (11) comprising a zig-zag array or tubes with a cover plate (6) is supplied with coolant from a cooling unit (9). Condensate is collected in a trough (13) and drained (14) into a container (15). The floor (7)


of the display cabinet may be cooled by a special refrigerator or by integral coolant channels (7a) fed from a branch (10b) of the main circuit (10a).

The German Patent Document DT 25 05 390 A1 discloses: A display case for refrigerated products. The case includes shelving and a cooling system in a base portion of the case, for distributing air within the case.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

Date 2/23/2004

By 

FOLEY & LARDNER

Customer Number: 26371

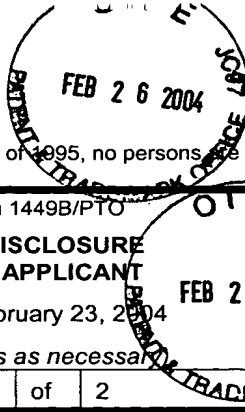
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: February 23, 2004

(use as many sheets as necessary)

Application Number	10/689,785
Filing Date	10/21/2003
First Named Inventor	William K. Dail
Group Art Unit	
Examiner Name	
Attorney Docket Number	060507-1054

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	6,672,086	B2	Zangari et al.	01-02-2004	
	A2	2003/0230095	A1	Kahler	12-18-2003	
	A3	6,619,052	B1	Nash, Jr.	09-16-2003	
	A4	6,547,346	B2	Topper et al.	04-15-2003	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A53	JP	2000-274935 /	A-	Tokutaro et al.	10-06-2000		
	A54	EP	0 916 291 /	B1	Hertel	05-19-1999		
	A55	EP	0 701 097 /	B1	Schell	03-13-1996		
	A56	GB	2 185 561 /	A	Fondel	07-22-1987		
	A57	DT	25 05 390 \	A1	Weden	08-19-1976		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

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